A VEHICLE FOR EXPLORATION, VISUALIZATION, AND DISCOVERY, CURRICLE HELPS YOU SELECT CLASSES, SHARE DISCOVERIES WITH OTHERS, AND CHART PATHWAYS THROUGH THE HARVARD CURRICULUM.

CURRICLE is a platform for students, faculty, and advisors to use data visualization for selecting classes, sharing questions and findings with others, and mapping rewarding pathways through the Harvard curriculum. It offers a suite of tools for understanding current course offerings, charting out schedules and sequencing courses in concentration and distribution, and developing a calendar of classes over the term, the year, and the college career. Crucially, Curricule's visualizations highlight connections among classes that otherwise lie hidden in syllabi and reading lists, giving the chance to forge surprising, challenging, and nourishing links between diverse fields of interest. And with a framework of annotation and social features, Curricule lets users keep notes, highlight links, and share questions and ideas.

Curricule accomplishes these tasks through three modes of operation: EXPLORE, SEARCH, and PLAN.

The EXPLORE mode offers a battery of vivid, intuitive, and interactive data visualizations. These visualizations act as windows on the curriculum, presenting connections among topics, keywords, learning styles, and instructors networks through graphs and maps that drive discovery from the level of the school down to the individual course.

SEARCH provides a familiar yet highly customizable interface for data-driven keyword search of course descriptions, instructors, and meeting times.

In PLAN mode, users can juggle scheduling options for courses discovered through EXPLORE and SEARCH, and presents a robust set of tagging and annotation tools as well as planners to sequence courses across weekly, yearly, and multi-year views.

THE BASICS

URL: http://CURRICLE.BERKMAN.HARVARD.EDU
SPECS: Built with Ruby on Rails; GraphQL; D3.js.
DATA: Course data from the Office of the Registrar, served via Harvard Dataverse. Future datasets will include sources like Canvas, library reserves, linked semantic data, and student-created tags.
CONTACT: INFO@METALAB.HARVARD.EDU

GET INVOLVED

• Help us test the beta release! Check out Curricule online, and send us your feedback via links on the platform.
• Join us for in-person user testing: email info@metalab.harvard.edu.
• Join the Student Advisory Board to inform and guide design going forward.
• FOR ALL INQUIRIES, reach out to us at INFO@METALAB.HARVARD.EDU
CURRICULE’S TOOLS ARE DESIGNED FOR EVERYONE WHO TOUCHES THE CURRICULUM: STUDENTS, ADVISORS, FACULTY, AND ADMINISTRATORS.

FOR STUDENTS:
- Visualize course selection possibilities across multiple dimensions
- Plan courses of study over the term, the year, and the college career
- Balance workloads, learning styles, and modes of inquiry
- Find hidden gems in the curriculum: courses offering serendipity and discovery

FOR ADVISORS:
- Visualize and contextualize pathways through the curriculum
- Manage communication with colleagues and multiple advisees
- Foster rich, searching conversations with advisees

FOR FACULTY:
- Visualize topical and pedagogical continuities across divisions and schools
- Surface hidden connections—and blind spots—in course offerings
- Situate one’s own teaching practice in the curriculum as social network and epistemic landscape

FOR ADMINISTRATORS:
- Visualize historical trends in course offerings and curricular design
- Identify strengths and blind spots
- Foster trans-disciplinary dialogue in teaching and learning

These tools will be tested in Curricle Version 1 through the Fall 2018 term. As these affordances are refined, future versions of Curricle in the works will target an expanded toolkit, including the following:

- Seamless integration between Curricle's tools for search and discovery and the robust administrative functions of my.harvard
- User "Dashboards" for students, faculty, and advising to manage cohort-specific information flows and needs
- Expanded EXPLORE and SEARCH capacities driven by machine learning and linked semantic data
- A rich set of "micronarrative" case studies to frame the course-selection experience, exploring the manifold connections, and resonances in teaching and learning across the liberal arts, applied sciences, and professional schools

A CURRICULUM IS MORE THAN A LIST OF COURSES: It's a network of invisible pathways from idea to idea. It’s a landscape, which we navigate over the course of a college career. And it’s a picture, a snapshot of the educational aims of a given era. And that image—that landscape, that network—is ever-changing with the times. CURRICULE is a platform for course exploration, visualization, and discovery. It’s the network’s operating system, the landscape’s atlas and gazetteer, and a living museum where images of curricula past and present reveal their relations with each other.

JOIN US IN TAKING CURRICULE FORWARD
CHARTING PATHWAYS IN THE LIBERAL ARTS: CURRICULE.BERKMAN.HARVARD.EDU